

153486

SITE INSPECTION WORK PLAN

FOR:

**Sauget/Monsanto IL LDFL
AKA: PT's Show Club, Site P**

ILD 980614176

PREPARED BY

Alan Alter

**PRE-REMEDIAL UNIT
DIVISION OF LAND POLLUTION CONTROL
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62794**

2/3/92

Non-Sampling

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I. SITE INFORMATION

I. GENERAL

Site Name: Sauget/Monsanto Illinois Landfill
Same as NFRAP'ed Site: PT's Show Club

ILD# 980614176
ILD# 984809293

Site Location: Near the Mississippi River,
between the Terminal Railroad
Association R.R. and the Illinois
Central Gulf R.R. in Sauget,
IL 62201, St. Clair Co.

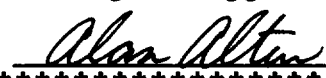
LPC# 1631210002

Work plan prepared by:

Timothy J. Murphy

Estimated inspection date: no sampling

Work plan approved by:



II. THE ASSIGNMENT

Previous reports and QA/QCed sample data have documented contamination at
of soil and groundwater at this closed landfill. Therefore no sampling
will be needed to continue this site in the CERCLA process.

III. SITE DESCRIPTION

The triangular shaped landfill covers about 22.5 acres west of Illinois
Route 3 and north of Monsanto Avenue. The former landfill is located in
an industrialized and commercialized area of Sauget. The site lies with-
in the southern part of Section 23 and the northern part of Section 26 of
Township 2 North, Range 10 West of the Third Principal Meridian in St.
Clair County. Geology consists of alluvial deposits. Site access is not
controlled.

IV. SITE HISTORY

In 1972, Paul Sauget of Sauget and Company entered into a lease agreement with Union Electric Company to operate a waste disposal facility. IEPA issued an operating permit in 1973 for general refuse, with no hazardous waste to be accepted. A supplemental permit was issued in 1974 to receive diatomaceous earth (filter cake) from Edwin Cooper, Inc. (now Ethyl Corp.). In 1979, Paul Sauget purchased an additional 5.5 acres from the Illinois Central Gulf R.R. Several IEPA inspections have revealed that hazardous wastes were disposed at the site including phosphorus pentasulfide, acids, and Monsanto ACL-85 (flammable). Slag and cinders, with high heavy metal content, were used as daily and final cover, increasing permeability and leaching. The landfill stopped accepting waste in 1984.

II. PREVIOUS SAMPLING

I. PROCEDURES

The groundwater sample collected from the PT's Show Club well was obtained by IEPA according to IEPA Pre-Remedial Program Site Inspection QAPP. The on-site soil samples were collected for IEPA by Ecology and Environment, Inc. (E&E), using a different QAPP. The samples were collected using a split spoon sampler while drilling geologic bore holes.

II. LOCATION OF SAMPLES

<u>GW Sample</u>	<u>Date</u>	<u>Depth</u>	<u>Appearance</u>	<u>Location</u>
G201	06/27/91	unknown	alluvial well	PT's Show Club well

<u>Soil Samples</u>	<u>Date</u>	<u>Depth</u>	<u>Appearance</u>	<u>Location</u>
P1-53	02/11/87	0-10'	fill	Composited across borings P1 through P4
P2-54	02/11/87	25-35'	sand below fill	Composited across borings P1 through P4
P5-55	02/12/87	10-25'	fill	P5
P5-56	02/12/87	10-25'	fill	Duplicate of P5-55

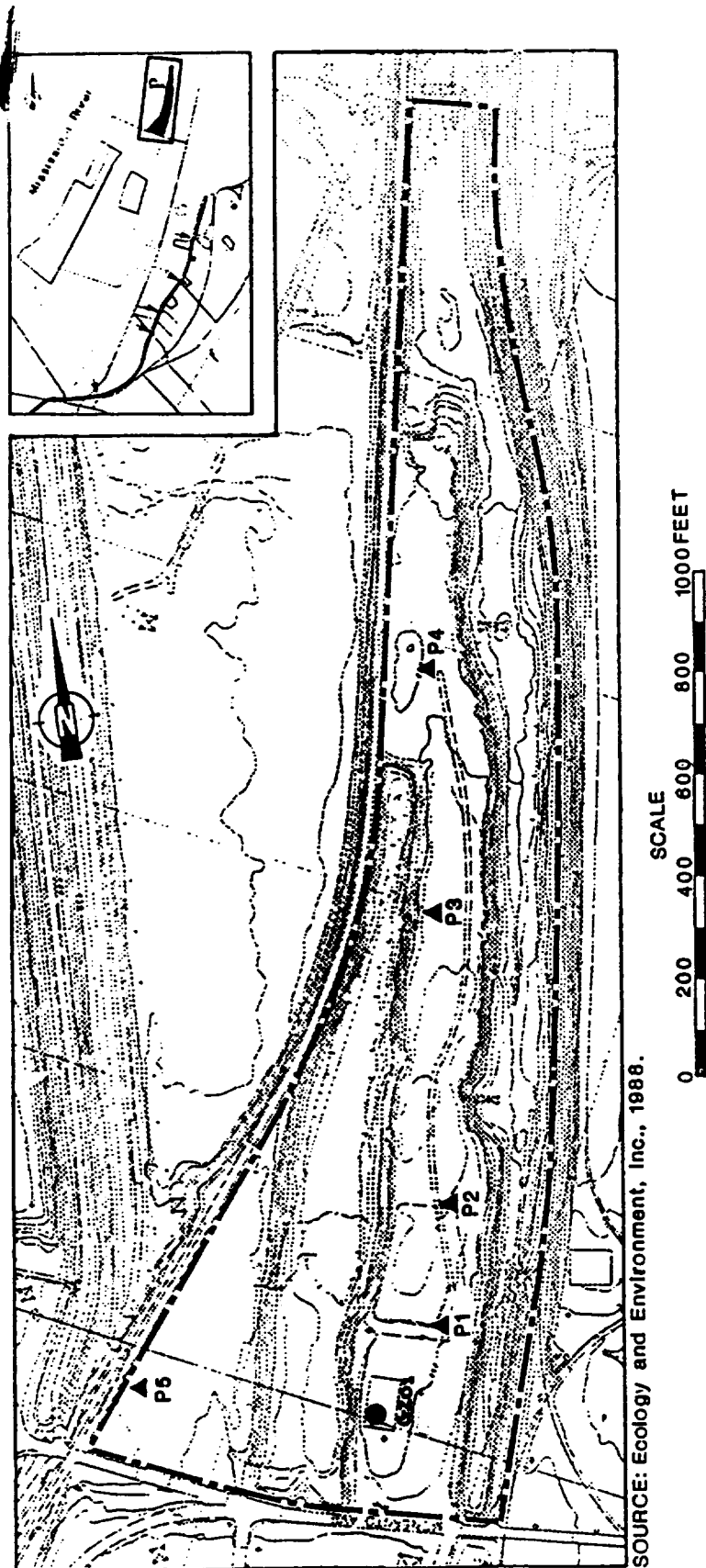
III. ANALYTICAL SERVICES

Groundwater analysis were for the Target Compound List, using the IEPA Springfield, IL laboratory for organics and the Champaign, IL laboratory for inorganics. Soil samples were analyzed for the same analytes at E&E's laboratory, the Analytical Services Center in Buffalo, NY. The QAPP used by E&E is attached.

ATTACHMENT I

RECORDS AND DOCUMENTATION

<u> X </u>	Work Plan
<u> </u>	Safety Plan
<u> </u>	Sampling Plan
<u> </u>	Equipment Checklist
<u> </u>	Log Book
<u> </u>	Chain of Custody Records
<u> X </u>	Sample Analysis Records
<u> X </u>	Photographs
<u> X </u>	Drilling Logs
<u> </u>	Correspondence
<u> </u>	Personal Interview Tapes or Transcripts
<u> X </u>	Maps
<u> </u>	Instrument Calibration Records
<u> </u>	Procurement Documents
<u> X </u>	Site Inspection Form (2070-13)
<u> X </u>	HRS II Scoring Package
<u> </u>	Other (specify)
<u> </u>	Other (specify)



SOURCE: Ecology and Environment, Inc., 1988.

SAMPLE LOCATIONS AT SITE P